

Siniat Solidtex



Description

High Performance multi-purpose plasterboard produced with HDC (High Density Crystallisation) technology, composed of a high-density gypsum core (1200 kg/m^3) reinforced with glass fibers, encased in special paper liner. Solidtex is complaint to EN520 (type D, E, F, H,1, 1, R)

Applications

Construction of walls and linings whether high strength sound insulation of loads, moisture resistance and/or fire resistance are required.

Board colour

-  Faced with grey coloured paper
-  Reverse faced with brown coloured paper

Features

Type of gypsum plasterboard	D E F H1 I R
Nominal thickness	12.5mm
Nominal width	1200mm
Nominal length	3000mm
Thickness tolerance	$\pm 0.5\text{mm}$
Width tolerance	0/-4mm
Length tolerance	0/-5mm
Edge Type	Taper
Squareness tolerance	$\leq 2.5\text{mm/m}$
Weight	15kg/m^2

Board printing

Edge – product name, board thickness x width x length, edge type

Reverse – standard and certification

Performance

Fire Protection	Board linings provide good fire protection owing to the unique behavior of the non-combustible
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	gypsum core when subjected to high temperatures
Reaction to fire test performance	Solidtex systems have been tested according to SANS 10177-part T
Thermal conductivity	$\Lambda = 0.25 \text{ W/mK}$
Surface water absorption	< 180 g/m ²
Total water absorption	5%
Flexural breaking load	
Longitudinal direction	>725N
Transverse direction	>300N
Surface hardness (diameter of the depression)	< 15mm
Sustainability	
Recyclability	100%
Recycled content	>32%* (Corfinio plant)
Duty Rating	Severe
Fixing directly into Solidtex (without noggins)	Indirect fixing Duopower M8x40 and M10x50 testing to BS 5234-2

Jointing Finishing & Painting

Siniat Solidtex can be jointed and finished with any a Siniat Jointing compound or full skimmed with EasyLite Multipurpose skimming plaster.

General storage, handling, and installation instructions

Storage:	store in dry, flat conditions. Ensure safe stacking up to maximum 4 packs (or 3 metres). Use suitable handling equipment to avoid damage when lifting.
Handling:	boards shall always be handled from the stack by two persons and then be transported vertically.
Cutting:	boards can be cut with knife (score and snap) or with electrical saw for plasterboards.
Screwing	use plasterboard screws adapted to the metal frame thickness.
Jointing:	Siniat Jointing Compound to be used for taped and joint
Sanding:	after joints dried sand manually with sandpaper
Painting:	after jointing, boards receive decoration

Health and Safety

Please read the Plasterboard Health and Safety Data Sheet available on our website. www.siniat.co.za



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